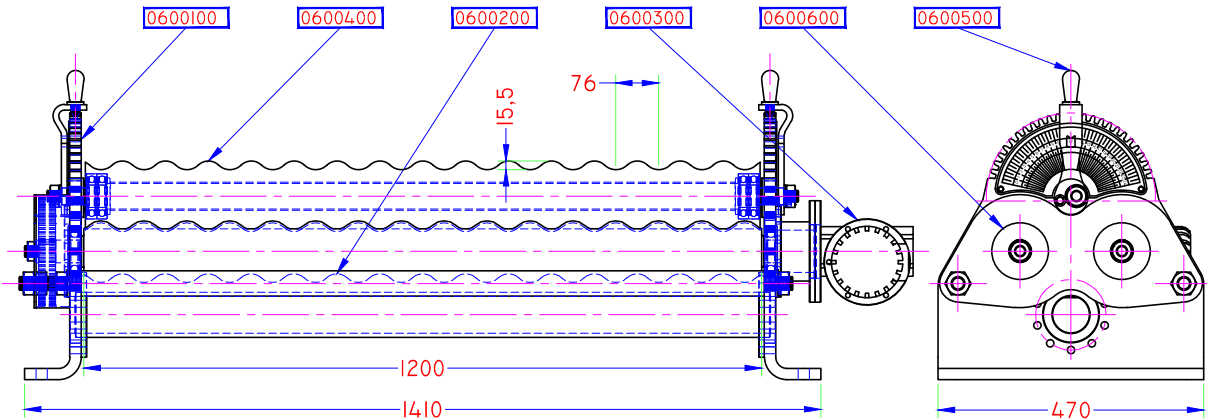


ROLLING MACHINE 120 CM



TECHNICAL FEATURES:

- ROLLING MACHINE FOR SHEET METAL 120 CM WIDTH
- MINIMUM ROLLING DIAMETER 800 MM
- MAXIMUM THICKNESS IS 3 MM FOR MILD STEEL SHEETS
- MAXIMUM THICKNESS IS 2 MM FOR STAINLESS STEEL
- ROLLING PRODUCTIVITY 15 M/MIN
- ROLLS ROTATION IS 60 RPM
- DRIVE GEARED MOTO IS 3 KW, 380 V, 60 RPM
- LOWER ROLLS ARE 110/80 MM DIAMETER
- UPPER ROLL DIAMETER IS 125/95 MM HOLLOW TUBE
- LOWER ROLLS CENTER DISTANCE IS 180 MM
- UPPER ROLL TRAVEL DISTANCE IS 18 MM
- MAXIMUM DISTRIBUTED FORCE AT LOWER ROLLS IS 600 KG
- MAXIMUM DISTRIBUTED FORCE AT UPPER ROLL IS 1200 KG
- UPPER ROLL IS CONTROLLED VIA TWO SIDE HANDLES
- UPPER ROLL HAS 10 MM ECCENTRICITY FOR CENTER AXE
- UPPER CENTER AXE ROTATES AT 150° IN 24 STEP
- ECCENTRICITY IS USED TO CONTROL ROLLING DIAMETER
- SIDE HANDLES IS USED TO CALIBRATE REQUIRED DIAMETERS
- TWO SIDE HANDLES MUST BE AT SAME DEGREE
- MAXIMUM DEFLECTION AT MIDPOINT IS 0.36 MM FOR 3 MM TH.
- LONGITUDINAL NOTCHES IN LOWER ROLLS FOR SHEET START
- CONICAL ROLLING IS NOT PERMITTED
- CLOSED CIRCLE ROLLING IS NOT PERMITTED
- TWO DIRECTION ROLLING IS PERMITTED.
- OVERALL DIM'S 1410 X 470 X 547 LWH MM
- TOTAL WEIGHT 328 KB

27	0600602	COVER SIDE STRIP	316 X 63 X 166	1	SHEET 2 MM	0.826
26	0600601	COVER FACE	415 X 3 X 170	1	SHEET 3 MM	0.764
25	0600600	GEERS COVER ASSEMBLY	415 X 63 X 172	1	ASSEMBLY	1.59
24	0600504	HAND OF HANDLE	30 X 30 X 85	2	ROD 30 MM	0.261
23	0600503	HANDLE SLEEVE	70 X 30 X 70	2	BRASS	0.508
22	0600502	ARM OF HANDLE	60 X 60 X 197	2	PLATE 10 MM	0.667
21	0600501	ALUMINUM ZINCOGRAPH SHEET	266 X 2 X 135	2	ACCESSORIES	0.398
20	0600500	HANDLE OF ROLLING DIAMETER	264 X 60 X 230	2	ASSEMBLY	1.893
19	0600404	BALL BEARING # 6208 ZZ	80 X 18 X 80	4	BEARING	0.498
18	0600403	SPACER FLANGE	54 X 5 X 54	2	FLANGE 5 MM	0.064
17	0600402	BENDING DRUM	100 X 1195 X 100	1	TUBE 100 MM	53.274
16	0600401	INNER ROD OF DRUM	44 X 1325 X 34	1	ROD 45 MM	15.498
15	0600400	BENDING DRUM ASSEMBLY	100 X 1330 X 100	1	ASSEMBLY	70.897
14	0600303	MOTOR 3 KW 60 RPM	158 X 127 X 123	1	MOTOR	14.9
13	0600302	MOTOR ADAPTOR	180 X 90 X 180	1	FLANGE 90 MM	4.897
12	0600301	DRIVE AXE	80 X 1560 X 79	1	ROD 80 MM	50.257
11	0600300	DRIVE AXE ASSEMBLY	391 X 1573 X 186	1	ASSEMBLY	98.731
10	0600204	BALL BEARING # 6308 ZZ	90 X 23 X 90	4	BEARING	0.839
9	0600203	GEARS	156 X 30 X 158	2	ST Mn20Cr4	3.813
8	0600202	BEARING HUB	155 X 30 X 162	3	FLANGE 30 MM	1.595
7	0600201	DRIVEN AXE	80 X 1340 X 79	1	ROD 80 MM	48.154
6	0600200	DRIVEN AXE ASSEMBLY	160 X 1340 X 162	1	ASSEMBLY	56.838
5	0600103	FRAME STIFFNER TUBE	119 X 1210 X 149	1	TUBE 1210 MM	19.462
4	0600102	TIE RODS OF FRAME	41 X 1363 X 48	2	ROD 45 MM	16.299
3	0600101	SIDES OF FRAME	420 X 100 X 462	2	PLATE 20 MM	23.347
2	0600100	SUB FRAME ASSEMBLY	420 X 1419 X 462	1	ASSEMBLY	98.755
1	0600000	MAIN ASSEMBLY OF ROLLING MACHINE	0 X 0 X 0	1	ASSEMBLY	330.231
SUM	0600000	MAIN ASSEMBLY OF ROLLING MACHINE	0 X 0 X 0	1	ASSEMBLY	308.879 KG STEEL

ITEM	PART NO.	TECHNICAL DESCRIPTION	QUANTITY	MATERIAL	UNIT WEIGHT
DRAWING TITLE:		CLIENT NAME:		DESIGNED BY:	
DRAWING TITLE:		CLIENT NAME:		CHECKED BY:	
DRAWING TITLE:		CLIENT NAME:		APPROVED BY:	
DRAWING NO.:		FINISH MATERIAL		SHEET 1:27	
DRAWING NO.:		FINISH MATERIAL		SCALE DIMS IN MM	
DRAWING NO.:		FINISH MATERIAL		DATE 15/06/2014	



CADSOUL
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 E-MAIL: CADSOUL@CADSOUL.COM

DRAWING TITLE:

MAIN ASSEMBLY OF ROLLING MACHINE

DRAWING NO.:

0600000

CLIENT NAME:

DESIGNED BY:

CHECKED BY:

APPROVED BY:

FINISH MATERIAL

SHEET 1:27

SCALE DIMS IN MM

DATE 15/06/2014